

Claims

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1. Magnet mount (1) for at least one magnet (8), comprising one carrier element (5) and at least one restraining element (14), characterized in that the restraining element (14) is a single piece with the carrier element (5).

2. Magnet mount according to Claim 1, characterized in that the restraining element (14) is formed by an at least partially radial projection (27) protruding from the carrier element (5).

3. Magnet mount according to Claim 1 or 2, characterized in that the carrier element (5) consists of at least one sheet-metal laminate (31).

4. Magnet mount according to Claim 3, characterized in that the restraining element (14) is formed by at least one sheet-metal laminate (31).

5. Magnet mount according to one or more of the Claims 1, 2, or 4, characterized in that the restraining element (14) grips in at least one notch (16) in the magnet (8).

6. Magnet mount according to one or more of the preceding claims, characterized in that the carrier element (5) has a disc-shaped structure.

7. Magnet mount according to one or more of the Claims 1 through 5, characterized in that the carrier element (5) has a ring-shaped structure.

8. Magnet mount according to one or more of the preceding claims, characterized in that the magnet (8) has notches (16) in which the restraining element (14) grips.

1 9. Magnet mount according to Claim 8, characterized in that the notches (16)
2 in the magnet are produced during the manufacture of the magnet (8) using a hot
3 extrusion process.

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5 10. Magnet mount according to Claim 8 or 9, characterized in that the notches
6 (16) of the magnet (8) are ground in after the magnet (8) is produced.

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8 11. Magnet mount according to one or more of the preceding claims,
9 characterized in that the magnet mount (1) is installed in an electric motor.
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11 12. Method for securing at least one magnet (8) to a carrier element (5) using
12 at least one restraining element (14), in particular a magnet (8) having a
13 restraining element (14) according to one or more of the Claims 1 through 7,
14 characterized in that the magnet (8) is placed on the carrier element (5), and the
15 at least one restraining element (14) formed as a single piece with the carrier
16 element (5) is deformed so that it grips the magnet (8), and the magnet (8) is
17 held in place on the carrier element (5) by way of positive engagement and
18 adherence.

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20 13. Method for securing at least one magnet (8) to a carrier element (5) using
21 at least one restraining element (14), in particular a magnet (8) having a
22 restraining element (14), according to one or more of the Claims 1 through 7,
23 characterized in that the at least one restraining element (14) formed as a single
24 piece with the carrier element (5) is bent upward by the action of force so that the
25 magnet (8) can be situated on the carrier element (5), and the action of force is
26 then removed so that the restraining element (14) then grips the magnet (8).